CLAIMS

1. A gas tap with an electromagnetic safety valve (8) for closing a gas path (6) in the gas tap, which safety valve (8) has a mobile magnetic anchor (21) arranged in an armature housing (19) with a valve closing element (29), which presses on a valve seat (35) provided in the gas tap to close the gas path (6) provided in the gas tap, which magnetic anchor (21) is assigned an electromagnetic coil (45) which activates the magnetic anchor (21) when voltage is applied, characterised in that the electromagnetic coil (45) is arranged as a separate component outside the armature housing (19) on the magnetic insert (9).

2. The gas tap as claimed in Claim 1, characterised in that the electromagnetic coil (45) is arranged gastight separately from the gas path (6) in the gas tap.

3. The gas tap as claimed in Claim 1 or 2, characterised in that the electromagnetic coil (45) is attached on the armature housing (19) of the magnetic insert (9) to easily detach.

4. The gas tap as claimed in any one of the preceding claims, characterised in that the electromagnetic coil (45) is arranged outside the gas tap.

5. The gas tap as claimed in any one of the preceding claims, characterised in that the magnetic anchor (21) of the magnetic insert (9) protrudes to outside the gas taps.

6. The gas tap as claimed in any one of the preceding claims, characterised in that at least two magnetic anchor guide sections (25, 39) spaced apart axially are positioned in the armature housing (19) to guide the magnetic anchor (21).

7. The gas tap as claimed in Claim 6, characterised in that a first magnetic anchor guide section (25) of the armature housing (19) is positioned inside the gas tap and a second magnetic anchor guide section (39) of the armature housing (19) is positioned outside the gas tap.

8. The gas tap as claimed in any one of Claims 6 or 7, characterised in that the at least two magnetic anchor guide sections (25,39) are made of different materials, in particular metal and plastic.

9. The gas tap as claimed in any one of the preceding claims, characterised in that a counter-anchor (51) is arranged in the armature housing (19) to strengthen a magnetic force of the magnetic insert (9) and/or to limit an armature stroke path.

10. The gas tap as claimed in any one of the preceding claims, characterised in that the armature housing (19) is designed in two parts from a first armature housing section (37) set in the gas tap and a second armature housing section (39) projecting from the gas tap.

11. The gas tap as claimed in Claim 10, characterised in that the first armature housing section (37) of the magnetic insert (9) set in the gas tap is

structurally identical to corresponding housing sections of commercially available magnetic inserts.

12. The gas tap as claimed in any one of Claims 10 or 11, characterised in that the electromagnetic coil (45), one of the magnetic anchor guide sections and/or the counter-anchor (51) are provided on the second armature housing section (39) projecting from the gas tap.

13. A magnetic insert for an electromagnetic safety valve (8) for inserting into a gas tap, which magnetic insert (9) has a mobile magnetic anchor (21) arranged in an armature housing (19) with a valve closing element (29), which presses on a valve seat (35) provided in the gas tap to close a gas path (6) provided in the gas tap, which magnetic anchor (21) is assigned an electromagnetic coil (45) which activates the magnetic anchor (21) when voltage is applied, characterised in that the electromagnetic coil (45) is arranged as a separate component outside the armature housing (19) on the magnetic insert (9).